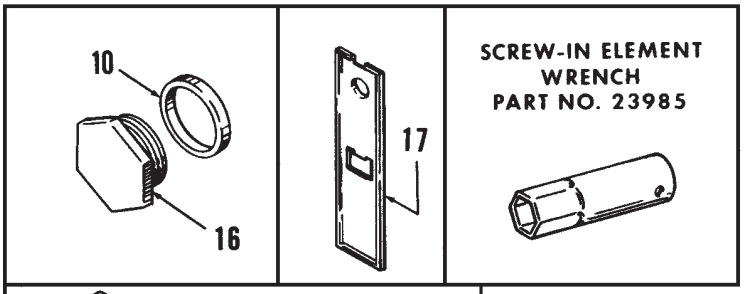
# A.O. SMITH WATER PRODUCTS COMPANY

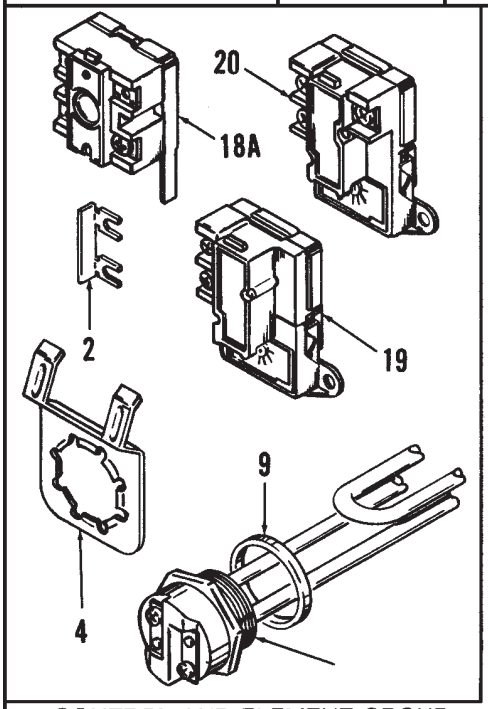
# ELECTRIC

*RESIDENTIAL WATER HEATER PARTS LIST*

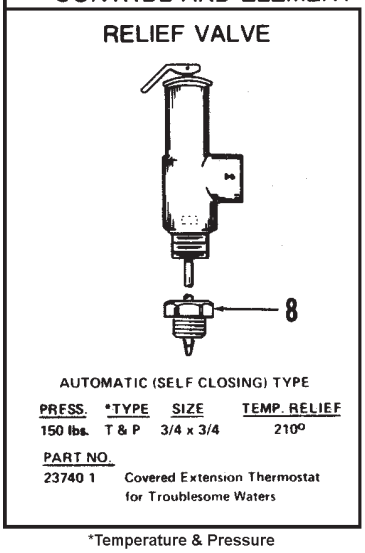
**MODELS PEC/TE-30, 40, 52, 66, 80, 120**

**SERIES 911 AND 912**



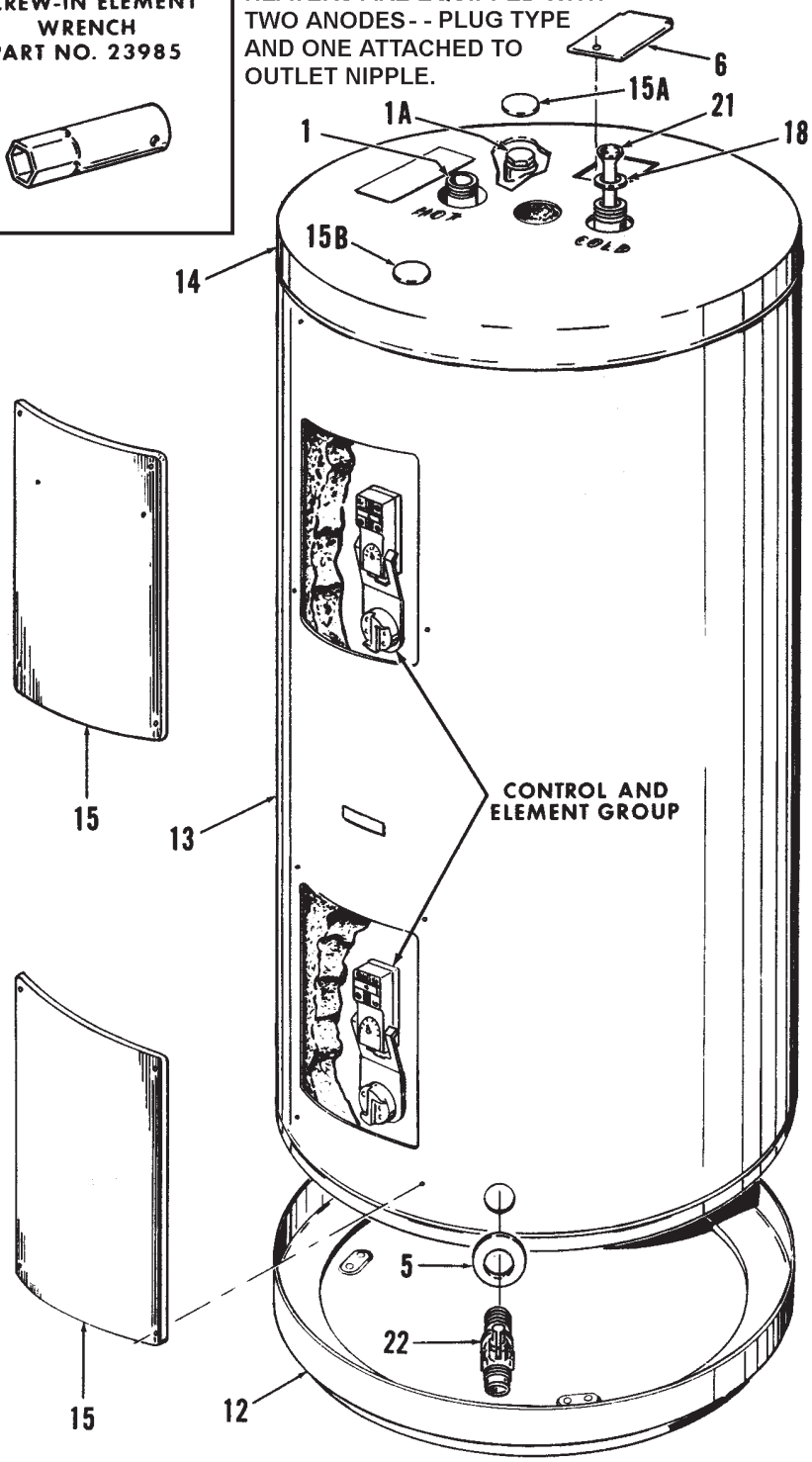




CONTROL AND ELEMENT GROUP




*Temperature & Pressure

NOTICE:
HEATERS ARE EQUIPPED WITH TWO ANODES - - PLUG TYPE AND ONE ATTACHED TO OUTLET NIPPLE.




**A.O. SMITH WATER PRODUCTS COMPANY**
**5621 W. 115TH STREET • ALSIP, ILLINOIS 60803**
**Phone: 1-800-433-2545 • Fax: 1-800-433-2515**
**Website: www.hotwater.com • E-mail: parts@hotwater.com**

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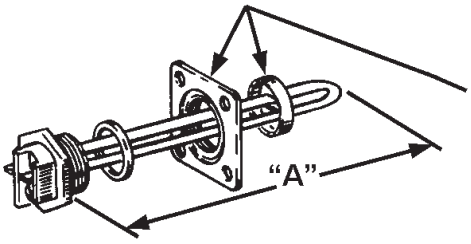
| Item | Description | PEC, TE 30 Gal. 911 & 912 | PEC, TE 40 Gal. 911 & 912 | PEC, TE 52 Gal. 911 & 912 | PEC 66 Gal. 911 & 912 | PEC 80 Gal. 911 & 912 | PEC 120 Gal. 911 & 912 |
|---|---|---|---|---|---|---|---|
| 1 | Anode, Outlet | 160532-25 | 160532-25 | 160532-25 | 160532-25 | 160532-25 | 160532-25 |
| 1A | Anode, Plug.. | 29109-38 | 29109-38 | 29109-48 | 29109-50 | 29109-50 | 29109-55 |
| 2 | Bar, Buss | 21010 | 21010 | 21010 | 21010 | 21010 | 21010 |
| 4 | Bracket, Thermostat | 42468 | 42468 | 42468 | 42468 | 42468 | 42468 |
| 5 | Collar, Pipe | 20172-14 | 20172-14 | 20172-14 | 20172-14 | 20172-14 | 20172-14 |
| 6 | Cover, Junction Box | 43441 | 43441 | 43441 | 43441 | 43441 | 43441 |
| 7 | Element, Heating | SEE ELEMENT CHART BELOW | | | | | |
| 8 | Fitting, Extension (911) | 42931-1 | 42931-1 | 42931-1 | 42931-1 | 42931-1 | 42931-1 |
| 9 | Gasket, Element | 23789 | 23789 | 23789 | 23789 | 23789 | 23789 |
| 10 | Gasket, Plug | 23789 | 23789 | 23789 | 23789 | 23789 | 23789 |
| 11 | Insulation, Base | 41560-58 | 41560-62 | 41560-62 | 41560-59 | 41560-63 | 41560-64 |
| 12 | Jacket, Base | 43285-200 | 43285-204 | 43285-204 | 43285-201 | 37625-205 | 39163-202 |
| 13 | Jacket, Outer (911) | 43835-5 | 43835-6 | 43835-7 | 43835-8 | 43835-9 | 43835-10 |
| 13 | Jacket, Outer (912) | 43835-39 | 43835-28 | 43835-29 | 43835-30 | 43835-30 | 43835-32 |
| 14 | Jacket, Top (911) | 160392-200 | 160392-201 | 160392-201 | 160392-202 | 160392-203 | 160392-204 |
| 14 | Jacket, Top (912) | 160715-200 | 160715-201 | 160715-201 | 160715-202 | 160715-203 | 160715-204 |
| 15 | Panel, Front | 42961 | 42961 | 42961 | 42961 | 42961 | 42961 |
| 15A | Plug, Cap 2" | 42306-3 | 42306-3 | 42306-3 | 42306-3 | 42306-3 | 42306-3 |
| 15B | Plug, Cap 1-1/2" | 42306-1 | 42306-1 | 42306-1 | 42306-1 | 42306-1 | 42306-1 |
| 16 | Plug, Element | 42290 | 42290 | 42290 | 42290 | 42290 | 42290 |
| 17 | Protector (Lower) | 160799-1 | 160799-1 | 160779-1 | 160799-1 | 160799-1 | 160799-1 |
| 17 | Protector (Upper) | 160799 | 160799 | 160799 | 160799 | 160799 | 160799 |
| 18 | Spacer, Inlet Tube | 42589 | 42589 | 42589 | 42589 | 42589 | 42589 |
| 18A | Switch, High Limit | 23899 | 23899 | 23899 | 23899 | 23899 | 23899 |
| 19 | Thermostat, Lower | 23897 | 23897 | 23897 | 23897 | 23897 | 23897 |
| 20 | Thermostat, Upper | 23898 | 23898 | 23898 | 23898 | 23898 | 23898 |
| 21 | Tube, Inlet (w/spacer) | 21064-37 | 21064-37 | 21064-46 | 21064-50 | 21064-50 | 21064-53 |
| 22 | Valve, Drain | 160506-3 | 160506-3 | 160506-3 | 160506-3 | 160506-3 | 160506-6 |

***NOTE:*** Underlined Parts Are Recommended For Emergency Replacement.

Standard Hardware Items May Be Purchased Locally.

**IMPORTANT:**
When replacing screw-in type elements be sure to use Dow-Corning Silicone Sealant (bathtub sealer) which solidifies like rubber and is non hardening.




**ORDER ADAPTER FLANGE IF NECESSARY, PART NO. 23773. FLANGE KIT IS SHOWN WITH ACCOMPANYING GASKET.**

**SCREW-IN ELEMENT CHART**

| Wattage | 120V | Max. "A" Dim. (inches) | 208V | Max. "A" Dim. (inches) | 240V | Max. "A" Dim. (inches) | 277V | Max. "A" Dim. (inches) | 480V | Max. "A" Dim. (inches) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000W | - - - - | - - - - | - - - - | - - - - | 24001-2 | 9-1/4 | - - - - | - - - - | - - - - | - - - - |
| 1500W | 24004-4 | 9 | - - - - | - - - - | 24001-4 | 9 | - - - - | - - - - | - - - - | - - - - |
| 2000W | - - - - | - - - - | - - - - | - - - - | 24001-5 | 11-1/2 | - - - - | - - - - | - - - - | - - - - |
| 2500W | - - - - | - - - - | - - - - | - - - - | 24001-6 | 11 | - - - - | - - - - | - - - - | - - - - |
| 3000W | - - - - | - - - - | 24002-7 | 16-1/2 | 24001-7 | 13-1/2 | 24003-7 | 16-1/2 | 24004-7 | 16-1/2 |
| 3500W | - - - - | - - - - | - - - - | - - - - | 24001-8 | 13-3/4 | - - - - | - - - - | - - - - | - - - - |
| 4000W | - - - - | - - - - | 24002-9 | 16-1/2 | 24001-9 | 16 | 24003-9 | 16-1/2 | 24004-9 | 16-1/2 |
| 4500W | - - - - | - - - - | 24002-10 | 16-1/2 | 24001-10 | 13-3/4 | 24003-10 | 16-1/2 | 24004-10 | 16-1/4 |
| 5000W | - - - - | - - - - | 24002-11 | 16-1/2 | 24001-11 | 16 | 24003-11 | 16-1/2 | 24004-11 | 16-1/2 |
| 5500W | - - - - | - - - - | - - - - | - - - - | 24001-14 | 16 | - - - - | - - - - | - - - - | - - - - |
| 6000W | - - - - | - - - - | 24002-12 | 16-1/2 | 24001-12 | 16-1/2 | 24003-12 | 16-1/2 | 24004-12 | 16-1/2 |

NOTE: 1000 Watts = 1 kilowatt (all elements are individually boxed).

ProductPreservers® A.O. SMITH WATER PRODUCTS COMPANY PSD / Alsip, IL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